

Today's Topics:

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Third Party Traffic, MM net and BARF get letters from FCC
Voice of America Scheduled Broadcasts -- Clarification
Wilson HT

Date: Tue, 31 Oct 89 11:56:41 CST

From: rlwest@flopn2.csc.ti.com (Bob West - WA8YCD - DSEG/HRD Computer Systems
Training - MSG HRD1 - 995-1908)

Subject: airport security

>From: TILDE::"unisoft!washer" "Jim Washer" 31-OCT-1989 10:11:30.83

>To: info-hams-incoming

>CC:

>Subj: airport security

>

>Has anyone out there ever been 'restricted' from entering an
>airport, or boarding a commercial flight with their hand
>held rig?? I'm about to take my first flight since receiving
>my ham-ticket and would like to take my 2-meter rig along.

>

>

>Thanks in advance

>

> jim washer

> uunet!unisoft!washer washer@unisoft.com

Jim (and net...)

I have successfully carried my IC2aT and IC4aT in my briefcase, no questions asked between Dallas and Pittsburgh. They haven't even given me the expected warnings about not using it on the plane! Be prepared to (1) demonstrate that it *is* a radio and not just a shell containing boomstuff...(usually just turning it on and opening the squelch is enough) and (2) listen to a lecture about not operating on the plane. (usually something the security guard has memorized.)

I doubt if they'll go as far as to ask to see your license, but ya oughta have it with you (or a copy) at all times anyway.

I save the little cardboard inserts that come with the battery packs (do Kenwood and Yaesu and others have those?) and break the thing down when I put it in the briefcase. That may be irrelevant.

Good luck, and happy travelling!

73,
Bob WA8YCD
RLWEST@FLOPN2.CSC.TI.COM

Date: Tue, 31 Oct 89 13:59:46 EST
From: Gary Kendall <KENDALLG@VTVM1.CC.VT.EDU>
Subject: CB -> 10m conversion info wanted

Greetings...

While prowling through some of my junk in the closet recently I ran across a GE 40 channel CB mobile; I'm pretty sure it's a synthesized rig but I don't recall the exact model number.

I remembered a fellow ham showing me (several years ago) an old CB that he had converted to work 10m FM - any ideas if what I've got could be "tweaked" along the same idea?

Any info would be most appreciated. Thanks.

'73...
--gary KB4GCF
Acknowledge-To: <KENDALLG@VTVM1>

Date: 31 Oct 89 10:39:09 GMT
From: eru!luth!sunic!tut!oulu!tolsun!so-luru@BLOOM-BEACON.MIT.EDU (Ari Husa OH8NUP)
Subject: Contest log program?

I would like to know if there is a proper CONTEST LOG PROGRAM available somewhere.

The program would have to be EASY TO USE, it would have to recognize

the rules of all the major contests, it would do real-time dupe checking, it would preferably use the computer's real time clock. It would also be easily configurable for new countries, unknown prefixes, or the change of rules...

Of course, the program prepares logs, dupe lists, and some neat statistical information for you (in real time). The user interface would of course be SIMPLE and FAST.

I know there is ONE beast that meets ALMOST every one of these criteria (it doesn't use the computer's real time clock..), and I am currently using it. It would seem that I would be a happy tester, eh?

Well, actually, I would like to see what kind of competition there is. Plus, I think I've found a major bug in the software (or, then, it was only the goddamn RF in the shack..).

The one I am using is called HAM - The Contest Manager - and it is programmed and marketed by OH2BQS. Other than its *very* few shortcomings, I actually LOVE the program.

But, as just said, IS there anything else?

Luru

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///   Ari Husa OH8NUP           so-luru@stekt.oulu.fi
o-o           --... ..--
o   Ham Radio Operators Do It In Higher Frequency
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Date: 31 Oct 89 18:47:10 GMT

From: cs.utexas.edu!ut-emx!trey@tut.cis.ohio-state.edu (Trey Garlough, WN4KKN/5)

Subject: Contest log program?

In article <SO-LURU.89Oct31123909@stekt.oulu.fi>, so-luru@stekt.oulu.fi (Ari Husa OH8NUP) writes:

> I would like to know if there is a proper CONTEST LOG PROGRAM
> available somewhere.

As far as I am concerned, there is only one real-time, DX contesting computer program worthy of consideration: CT by Ken Wolff, K1EA. A C program written for XT/AT type machines, it currently handles CQWW, ARRL DX, CQ WPX, WAE and ARRL VHF contests. The program is being made available by the Yankee Clipper Contest Club for \$25 US. My understanding is that the club take a \$5 cut from each unit sold and uses the

rest of the money for distribution costs, laser printing of manuals, etc. I believe the club's contact person for information and orders is KC1EO, via his callbook address.

Trey Garlough, WN4KKN/5
Computation Center, University of Texas, Austin, Texas 78712
trey@emx.CC.UTEXAS.EDU (internet) (512-471-3241)

Date: 31 Oct 89 16:07:36 GMT
From: mfc1!rodman@yale-bulldog.arpa (Paul Rodman)
Subject: Down with S0239 connectors!!

In article <5816@shlump.nac.dec.com> koning@koning.dec.com (Paul Koning) writes:
>
>Wherever possible I use BNC connectors. For anything other than microwaves or
>1500 W linears that works fine. If I ever get a linear I'll go to N there.
>

Agreed.

The real joke is that I think the so called "UHF" connector isn't even 50 ohms. [Granted, the size of the connector is small even at UHF so it doesn't matter]

Give me a BN or N anyday.

pk1

Date: Tue, 31 Oct 89 16:16:39 GMT
From: Pete Lucas <PJML%UK.AC.NWL.IA@CUNYVM.CUNY.EDU> NERC-SWINDON
Subject: Millifarads, Mhos etc?

Bels, Millibels, Decibels, Nepers - well I'll look in my 'Handbook of Wireless Telegraphy' (2nd edition 1923) when i get home. One thing i do recall is that until about 1930, capacitance was measured in terms of units called 'Jars'. There was also a unit called a 'Mic' which i think was used for inductance. Again, my trusty ancient volumes will reveal all.

All 'obscure' areas of science have their pet units - if you measure the call-handling capacity of telephone switching systems you come across 'Erlangs'.

(Now theres a good one to use down the club next time - 'My TNC has a switching capacity of 17 milli-erlangs!' HI HI)

Also, back in the 'good old days' we used to measure the 'slope' of a tube in 'Mhos', this being 'reciprocal ohms'. 'Slope' is Mutual Conductance (milliamps per volt). 1mA/V is 1000 micromhos!

>--Pete--<

Date: 31 Oct 89 16:55:20 GMT
From: gem.mps.ohio-state.edu!uakari.primate.wisc.edu!aplcn!stda.jhuapl.edu!
mjj@tut.cis.ohio-state.edu (Marshall Jose)
Subject: Neutralizing Heathkit Finals (6146/A/B woes)

In article <8910280703.AA11558@ucbvax.Berkeley.EDU> you write:
>What's wrong with doing it the way the instruction book says???
>I have used mine with 6146/A/B/W and never had a problem.
>
>KB3YV

Bill, I can't explain why you never had a problem with your radio. All I can say is that I went over everything, made sure all the component values of parts around the driver & PA were still correct, made sure everything was connected correctly, made sure the stages were properly aligned, and so on. Yet I was unable to make the Ip dip and the Po peak coincide, for ANY amount of Cneut (read that 0 - 100 pF). I was also similarly unable to minimize the driver feedthrough with the plate and screen disconnected. So, please tell me what you did (of what I didn't do) to make it neutralize properly. I'd really appreciate that much more than simply being told that the procedure works.

BTW: I tried to respond directly but had path problems. Sorry.

Yours, etc.,

Marshall Jose WA3VPZ
mjj@aplvax.jhuapl.edu || ...mimsy!aplcn!aplvax!mjj

Date: Tue, 31 Oct 89 10:26:24 EST
From: Michael_Edelman%Wayne-MTS@um.cc.umich.edu
Subject: PL259s &etc...

I have found the simplest way of installing 259s to be:

-Strip about 2" of insulation;

- Tin the braid using a *big* iron (work fast)
- Cut the braid to length using a pipe cutter
- Cut the dielectric to length
- Scrape foil shield, if any
- Solder.

A caveat for those using paste flux: Even though it says "non-corrosive", it ain't. The stuff is very hydrophobic, I'm told, and you end up with a very corrosive compound. If you do this, wash the connection with a good cleaner.

I've been using CATV RG-6 and F connectors lately for low band, and I'm pleased with the results (running 10-100W). For crimp on connectors Fs are great, and the cable is waterproof and can be buried. I have not, however, seen a crimp-on 259 that seemed decent. Stick with teflon/silver and solder.

Re proper irons for soldering 259s: Back when all hams used a 150W American Beauty for their soldering there was no problem. Today you've got to look to find an iron that has not only enough wattage (45 is enough, really) but more importantly enough thermal mass. My favorite is a 50 Watt chisel tip that's about 1/4" in diameter and 2" long. For outdoors use, the cheap Radio Shack butane torch with the soldering tip is fantastic.

-mike ke8yy

 Date: 31 Oct 89 11:54:45 GMT
 From: mcsun!ukc!stl!stc!root44!jgh@uunet.uu.net (Jeremy G Harris)
 Subject: Tesla vs gauss, and other obscure units

In article <30339@buckaroo.mips.COM> vaso@mips.COM (Vaso Bovan) writes:
 >The bel is of rather recent vintage, 1923 [A Dictionary of Scientific Units,
 >4th Ed., Chapman & Hall, 1980]. This source contains the statement that "in
 >continental Europe, the neper is used instead of the bel."

Obsolete, I think. A faint memory tells me that the neper is natural-log based rather than log-base-10 based. Never seen it used.

--
 Jeremy Harris jgh@root.co.uk

 Date: 31 Oct 89 13:58:35 GMT
 From: unmvax!deimos.cis.ksu.edu!harris.cis.ksu.edu!mac@ucbvax.Berkeley.EDU (Myron A. Calhoun)
 Subject: Third Party Traffic, MM net and BARF get letters from FCC

In article <8910310803.AA27197@ucbvax.Berkeley.EDU> 702WFG@SCRVMSYS.BITNET (bill gunshannon) writes:

[many lines deleted]

>But today things are different. Today you can call anywhere in the world
>from the comfort of your living room using the telephone....

You obviously haven't tried to call a "third-world" country such as Nigeria. My wife once spent several WEEKS trying an HOUR each night to call me there from the USA; a particularly-helpful (and talkative) US telephone operator once laughed and told her "You can't call Nigeria; their operators don't even answer the phone!" The net result: in weeks of trying she ONCE got an operator in Lagos--who promptly hung up the phone!

Within Nigeria itself most phones did NOT work, the police did NOT give out their phone numbers, a call from one town to another (such as Lagos to Benin City) was difficult, and a call OUT of the country took several hours of trying by the phone company's own operators (who often did not succeed).

Of course, in the USA, things ARE different. Viva la difference!

--Myron

--

Myron A. Calhoun, PhD EE, W0PBV, (913) 532-6350 (work), 539-4448 (home).

INTERNET: mac@ksuvax1.cis.ksu.edu

BITNET: mac@ksuvax1.bitnet

UUCP: ...{rutgers, texbell}!ksuvax1!harry!mac

Date: 31 Oct 89 17:01:55 GMT

From: cadre.dsl.pitt.edu!pitt!unix.cis.pitt.edu!nadst2@pt.cs.cmu.edu (Nilanjan Adhikari)

Subject: Voice of America Scheduled Broadcasts -- Clarification

In article <20356@unix.cis.pitt.edu> nadst2@unix.cis.pitt.edu I wrote :

>In article <302@voa3.UUCP> eab@voa3.UUCP (Al Brown) writes:

>>-----

>>

>> 'Azi' is the azimuth of the signal's major lobe, in degrees

>> true, from the transmitting station.

>>

> What does this azimuth say about the ease or difficulty to be

>expected in tuning a given station in USA (e.g. in the Northeast) ?

> I am a novice SW listener. Please help (anybody !)

>

